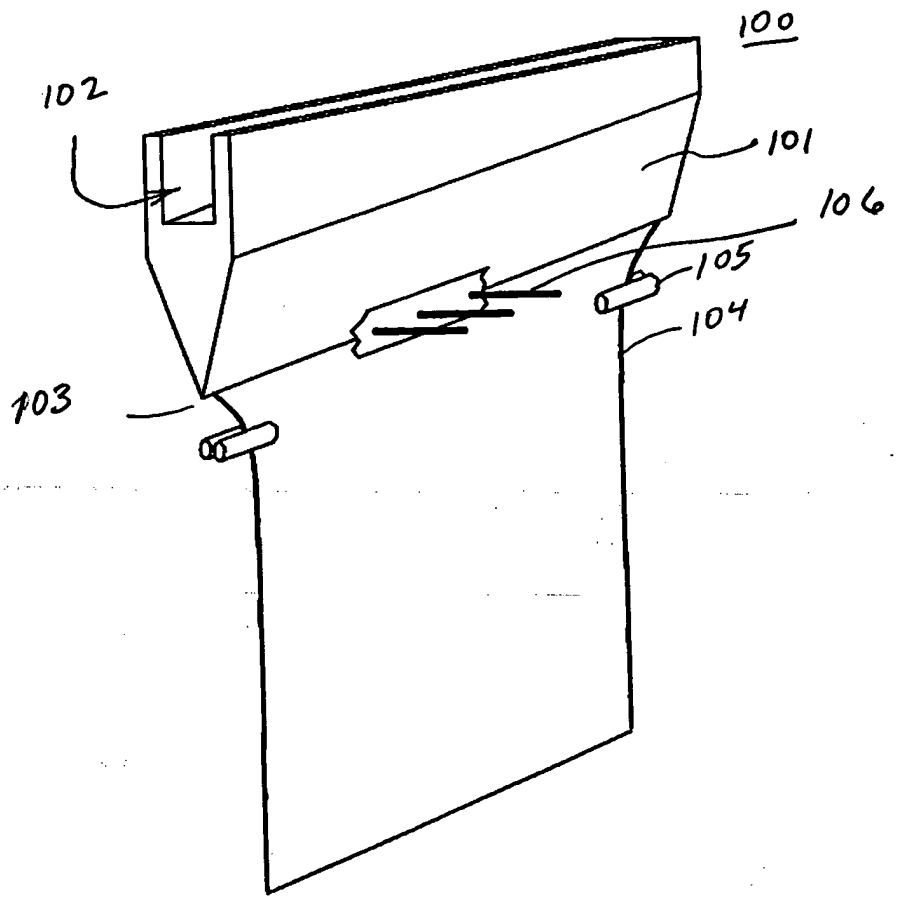


Fig. 1

200

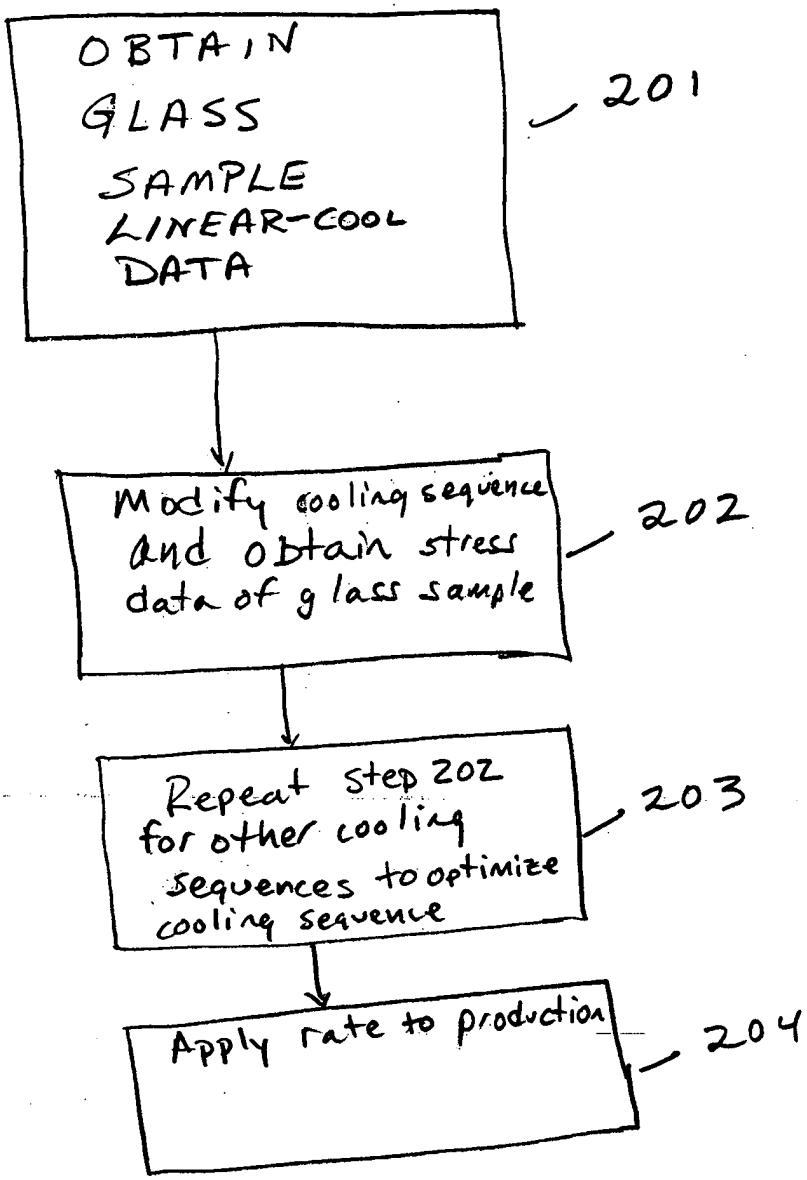
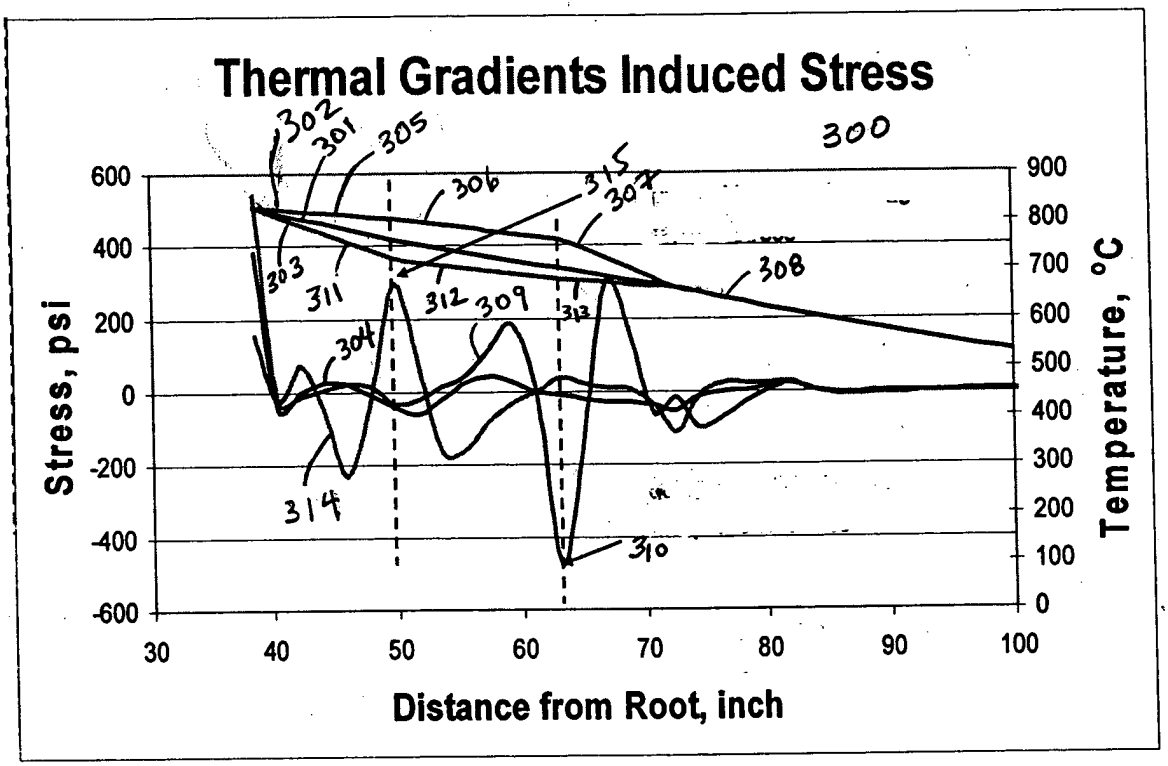

OBTAIN GLASS SAMPLE LINEAR-COOL DATA
201
Modify cooling sequence and obtain stress data of glass sample
202
Repeat step 202 for other cooling sequences to optimize cooling sequence
203
Apply rate to production
204

Fig. 2

Fig. 3


Thermal Gradients Induced Stress
300
302
301
305
306
315
307
303
311
312
309
313
308
304
314
310
Stress, psi
600
400
200
0
-200
-400
-600
Temperature, °C
900
800
700
600
500
400
300
200
100
0
30
40
50
60
70
80
90
100
Distance from Root, inch